1st & final bill

M. A. R. 57 (Rule 116) **No. D**

Measurement Book

67309

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of work:- Improvements to cc roads at MTS Colony cross roads in T. Dasarahalli in ward No-15						
	Estimate Cost:- Rs 20.00 lakhs.						
	Job code:- ~~015~~ 015-18-000016 .	P- 1771					
	WO No:- EE|DD|WO|331|17-18, Dt	22.03.18 ✓					
	AA No:- EE|DD|AS|562|17-18, Dt	29.11.17 ✓					
	TS No:- EE|DD|TS|403|17-18, Dt	30.11.17 ✓					
	Tender Notification No:- BBMP|EE|DD|Tun|05|17-18 Dt	04.12.17 ✓					
	Agency:- Sri. KS Ramesh.						
	Recorded on:-						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item No:-	1 Dismantling of existing Structures like Culverts, Bridges, Retaining walls & other Structure comprising of masonry, Cement Concrete, wood work, Steel work with all lifts complete as per Specifications, By manual means C. Prestressed / Reinforced Cement Concrete Grade m- 20 & above. Qty brought from this mB page No :-67393/1.						
					Qty =	9.45 cum	
		@ Rs	1083.32/cum				10237.00/-
Item No:-2	Earthwork excavation by manual means in ordinary Soil involving an average horizontal throw upto 2 metres & an average lift upto 0.50 excavated Surface complete as per Specifications. Qty brought from this mB page No :-67394/1.						

M. A. R. 57 (Rule 116) No. D

Measurement Book

67310

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
					Qty =	310.32 cum	
		@ Rs	86.52/cum				26973.00/-
Item No:- 3	providing, laying, Spreading & compacting graded Stone aggregates to wet mix macadam Specifications including for mixing the material with water one in mechanical mix plant with all leads & lifts etc complete as per direction of Engineer in-charge of the work. Qty brought from this mB page No:-67395						
					Qty =	9.45 cum	
		@ Rs	1768.08/cum				16708.00/-

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item No:4	providing & laying in position plain cement Concrete of mix 1:4:8. with OPC cement @ 180kgs, with 40mm & down size graded granite metal coarse aggregate @ 0.85cum & fine aggregate @ 0.57cum curing Complete as per Specifications. qty brought from this mB page No:- 67396/1						
					qty =	81.72	
	Carriage to	@ Rs 5159.00/cum				421595.00/-	
Item No:5	providing & removing Centering, Shuttering, Shutting propping etc. & removal of form work for Vertical surface such as walls at any thickness, including attached pilasters, buttresses labour Complete as per Specifications.						

M. A. R. 57 (Rule 116) No. D

Measurement Book

67311

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	BRS Communication Shop Road	8	22.00	0.90		158.40 Sqm	
		4	22.50	0.90		81.00-11	
	Narasimharaothy House Road.	4	30.00	0.90		108.00-11	
		4	35.00	0.90		126.00-11	
	11th Cross Road	4	31.00	0.90		111.60-11	
		4	30.00	0.90		108.00-11	
		4	11.50	0.90		41.40-11	
	Carriage to					734.40 Sqm	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		@98	310.58	Sqm			228090.00/-
Item No:-	6 · Design mix M20 with OPC cement @ 320 kg/3 with 20mm & down Size graded granite metal coarse aggregate @ 0.69 cum & fine aggregate @ 0.46 cum with Superplastisizer @ 3 lts confirming.						
	Side wall.	4	22.00	0.15	0.90	11.88 cum	
		2	22.50	0.15	0.90	6.08 -11	
		2	30.00	0.15	0.90	8.10 -11	
		2	35.00	0.15	0.90	9.45 -11	
		2	31.00	0.15	0.90	8.37 -11	
		2	30.00	0.15	0.90	8.10 -11	

M. A. R. 57 (Rule 116) **No. D**
Measurement Book

Serial No. 67312

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Bottom vent.	2	11.50	0.15	0.90	3.11 -11	
		2	22.00	0.90	0.10	3.96 -11	
		1	22.50	0.90	0.10	2.03 -11	
		1	30.00	0.90	0.10	2.70 -11	
		1	35.00	0.90	0.10	3.15 -11	
		1	31.00	0.90	0.10	2.79 -11	
		1	30.00	0.90	0.10	2.70 -11	
		1	11.50	0.90	0.10	1.04 -11	
						73.46 cum	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	@Rs 6965.26	@ RS	6965.26	/cum			511529.00/-
	Item No 7 Supplying & fixing precast Reinforced Concrete Slab 10cm thick including cost of reinforcement as per design & drawing material cost, Complete with all leads & lift Conveyance charges, labour charges inclusive of cost of all materials						
		2	22.00	0.90		39.60 Sqm	
		1	22.50	0.90		20.25-11	
		1	30.00	0.90		27.00-11	
		1	35.00	0.90		31.50-11	
	Conversion	1	31.00	0.90		27.90-11	
						146.25 Sqm	

M. A. R. 57 (Rule 116) No. D
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

67313

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			limited		to 5)	21.80 Sqm	
	Conversion @ Rs 1698.00/Sqm						155876.00/-
	Item No 8 Cement Concrete pavement, Construction of un-Reinforced plain cement Concrete pavement, thickness, as per design, over a prepared Sub base with OPC cement & any other type as per 25 mm & down Size graded granite metal coarse aggregate & fine aggregate with Superplasticiser @ 3 lits mixed in a concrete mixer of not less than 0.60 cum capacity & appropriate						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	curing compound finishing to lines & grades as per drawing Complete as per Specifications M30 Cat 360 kg/cum coarse aggregate @0.69 cum & fine aggregate @0.43 cum)						
	3rd cross.	1	15.00	5.10+5.30 / 2	0.12	10.26 cum	
		1	18.80	5.30+5.10 / 2	0.12	12.97 cum	
	2nd Cross	1	15.00	5.10+5.30 / 2	0.12	9.36 cum	
		1	8.50	5.30+5.10 / 2	0.12	5.30 cum	
	4th cross.	1	15.00	4.00+4.30 / 2	0.12	7.47 cum	
		1	16.40	4.30+4.00 / 2	0.12	8.27 cum	
						53.63 cum	

M. A. R. 57 (Rule 116) No. D

Measurement Book

67314

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			limited		to ⇒	36.00 cum	
		@Rs 6217.96 cum					223847.00/-

Item No 1.9 providing groove cutting to concrete pavement for width of 5mm to 100mm & depth 80mm - 100mm including cost of cutting machine generator of 10hm of machinery, including cost of blade & all other incidental charges as per drawing & as per Specifications

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.00	3.00		90.00 Rmtr	
	Carriage	@ Rs 121.90 / Rmtr					10971.00/-
Item No:- 10	Vacuum de-watering with vacuum pump & Suction mat of compaction with Skin float & Screed Vibrator Clubbed with floating disc including cost of generator Hom of machinery with all lead & lift.						
	3rd Cross	1	15.00	$\frac{5.60+5.80}{2}$		85.50 Sqm	
		1	18.80	$\frac{5.80+5.70}{2}$		108.10-11	
		1	15.00	$\frac{5.10+5.30}{2}$		78.00-11	

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Measurement Book

67315

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	8.50	$\frac{5.30+5.10}{2}$		44.20-11	
		1	15.00	$\frac{4.10+4.30}{2}$		62.25-11	
		1	16.40	$\frac{4.30+4.10}{2}$		68.88-11	
						446.23 Sqm	
		@	limited		to	300.00 Sqm	
	Carriage	@ Rs 95.40 / Sqm					28620.00/-

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item No:1	11 Supplying filling & placing TMT bar Fe 500 reinforcement in Sub Structure complete as per drawing & technical specifications complete as per specifications.						
	aty bought from this MB page No:- 67397.					aty 3633.0 kg = 3.633 tonne	
	Carried forward	Qty	6648.14	tonne			2415300.00/-
Item No:2	12 Disposal of debris to the final place of disposal with all lead & lift & as direction by the engineer in charge of the work lead 4KM b) Add loading & unloading.						

M. A. R. 57 (Rule 116) No. D

Measurement Book

67316

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	aty vide Item No:-				2		
	Qty 85.65				aty	310.32	
	Carried forward						26579.00/-
					Total bill amt =	1902555.00/-	

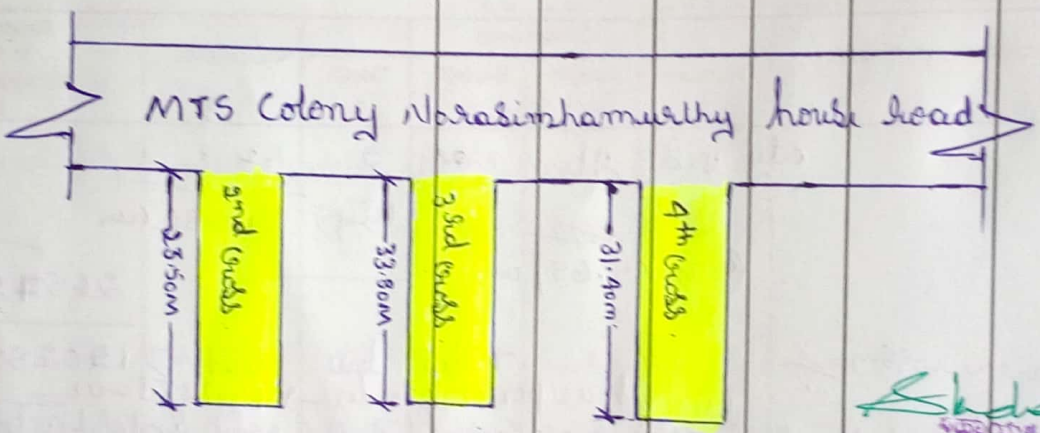
Certificate:-

Carried as per work order → 1902555.00

1) This is to certify that the Contractor has completed the work satisfactorily
2) The Contractor has cleared the debris from the work spot
3) There are no departmental issues for the above work.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



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